

## **Session Program**

**9 November 2016**



## **NExT Workshop QMUL**

### ***Talks***

QMUL, Main Lecture Theatre  
GO Jones, Queen Mary University of London Mile End Road London E1 4NS

# Wednesday 9 November

13:00

## Talks

**Session** |

**Location:** QMUL, Main Lecture Theatre, GO Jones, Queen Mary University of London Mile End Road London E1 4NS

13:00–13:20

### Review of LHC experimental results on low mass bosons in extended two Higgs doublet models

**Speaker**

Robin Cameron Aggleton

13:20–13:50

### TopFitter: elucidating new physics in the top sector

**Speaker**

Chris White

13:50–14:10

### Discovering and profiling $Z'$ bosons using asymmetry observables in top pair production with the lepton-plus-jets final state at the LHC

**Speaker**

Declan Millar

14:10–14:30

### A to Z of the Muon Anomalous Magnetic Moment in the MSSM with Pati-Salam at the GUT scale

**Speaker**

Patrick Schaefers

14:30–15:00

### Lattice kaon physics

**Speaker**

Christopher Sachrajda

15:00

15:30

## Talks: Session 2

**Session** |

**Location:** QMUL, Main Lecture Theatre, GO Jones, Queen Mary University of London Mile End Road London E1 4NS

16:00–16:20

### Charming new physics in rare B Decays and mixing.

**Speaker**

Ms Kirsty Leslie

16:20–16:40

### Precision neutrino experiments confronting predictive neutrino models

**Speaker**

Nick Prouse

16:40–17:10

### Massive and supermassive neutrinos as dark matter

**Speaker**

Dr Patrick Ludl

17:10–17:30

### Displaced vertices from heavy neutrinos in $U(1)'$ models

17:30

**Speaker**  
Luigi Delle Rose